

## 03050109-030

### (Oolenoy River)

#### General Description

Watershed 03050109-030 is located in Pickens County and consists primarily of the *Oolenoy River* and its tributaries. The watershed occupies 31,469 acres of the Blue Ridge and Piedmont regions of South Carolina. The predominant soil types consist of an association of the Pacolet-Ashe-Cecil series. The erodibility of the soil (K) averages 0.24 and the slope of the terrain averages 25%, with a range of 2-80%. Land use/land cover in the watershed includes: 95.2% forested land, 4.4% agricultural land, 0.3% water, and 0.1% urban land.

Tributaries of the Oolenoy River include Willis Creek, Emory Creek, Rachael Creek, Mill Creek, Carrick Creek (Green Creek, Pinnacle Lake, Oolenoy Lake), Adams Creek (Molly Branch), Weaver Creek (Burgess Creek, Cisson Creek), Hawk Creek, and Gowens Creek. Willis Creek and Emory Creek are classified ORW from their headwaters to the northern boundary of Table Rock Resort property. Green Creek and the headwaters of Carrick Creek through and including Pinnacle Lake are classified ORW, and the remaining streams in the watershed are classified FW. Table Rock State Park is another natural resource in the watershed. There are a total of 76.5 stream miles and 82.3 acres of lake waters in this watershed.

#### Surface Water Quality

<u>Station #</u>	<u>Type</u>	<u>Class</u>	<u>Description</u>
S-798	W	FW	LAKE OOLENOY AT DRAIN NEAR SPILLWAY AT SC 11
S-103	W/BIO	FW	OOLENOY RIVER AT S-39-47

**Lake Oolenoy (S-798)** – Lake Oolenoy is a 50-acre impoundment in Table Rock State Park, with a maximum depth of approximately 29.5 ft and an average depth of approximately 8.9 ft. The lake's watershed comprises 2.8 square miles. Aquatic life and recreational uses are fully supported.

The lake was treated in 1993 by the SCDNR with aquatic herbicides and stocked with triploid grass carp in an effort to control the submerged aquatic macrophytes. The stocking rate was 20 fish/vegetated acre, for a total of 700 fish. The lake was restocked in 1997 with 15 fish/vegetated acre in order to improve access to the lake. These efforts have been successful and further treatments have not been necessary.

**Oolenoy River (S-103)** – Aquatic life uses are fully supported based on macroinvertebrate community, physical and chemical data. Recreational uses are partially supported due to fecal coliform bacteria excursions.

**Table Rock State Park Swimming Lake** - The lake was treated in 1993 by the SCDNR with aquatic herbicides in an attempt to control the aquatic plants that prevent access to the lake for swimming and boating. In addition, grass carp, a biological control agent, was introduced in 1993 at the stocking rate of

20 fish/vegetated acre for a total of 200 fish. These efforts have been successful and further treatments have not been necessary.

### ***Natural Swimming Areas***

<b><i>FACILITY NAME RECEIVING STREAM</i></b>	<b><i>PERMIT # STATUS</i></b>
WESLEYAN CAMP PINNACLE LAKE	39-N01 ACTIVE
TABLE ROCK STATE PARK MILL CREEK	39-N06 ACTIVE

### **Groundwater Quality**

<b><u>Well #</u></b>	<b><u>Class</u></b>	<b><u>Aquifer</u></b>	<b><u>Location</u></b>
AMB-071	GB	SAPROLITE	PICKENS SHALLOW
AMB-082	GB	PIEDMONT BEDROCK	PICKENS DEEP

### **NPDES Program**

#### ***Active NPDES Facilities***

<b><i>RECEIVING STREAM FACILITY NAME PERMITTED FLOW @ PIPE (MGD)</i></b>	<b><i>NPDES# TYPE COMMENT</i></b>
CARRICK CREEK SCDPRT/TABLE ROCK STATE PARK PIPE #: 001 FLOW: 0.035	SC0024856 MINOR DOMESTIC

### **Growth Potential**

There is an overall low potential for development or intensive agriculture in this watershed; however, there is a high potential for low density residential and tourist commercial development where Scenic S.C. Hwy. 11 crosses the watershed. Several small residential subdivisions have been constructed, and wastewater disposal for these new areas are by septic tanks. There are a few, relatively small, clear and selective cut timber harvesting activities occurring on the private land holdings along this watershed of mountains and rolling hills.